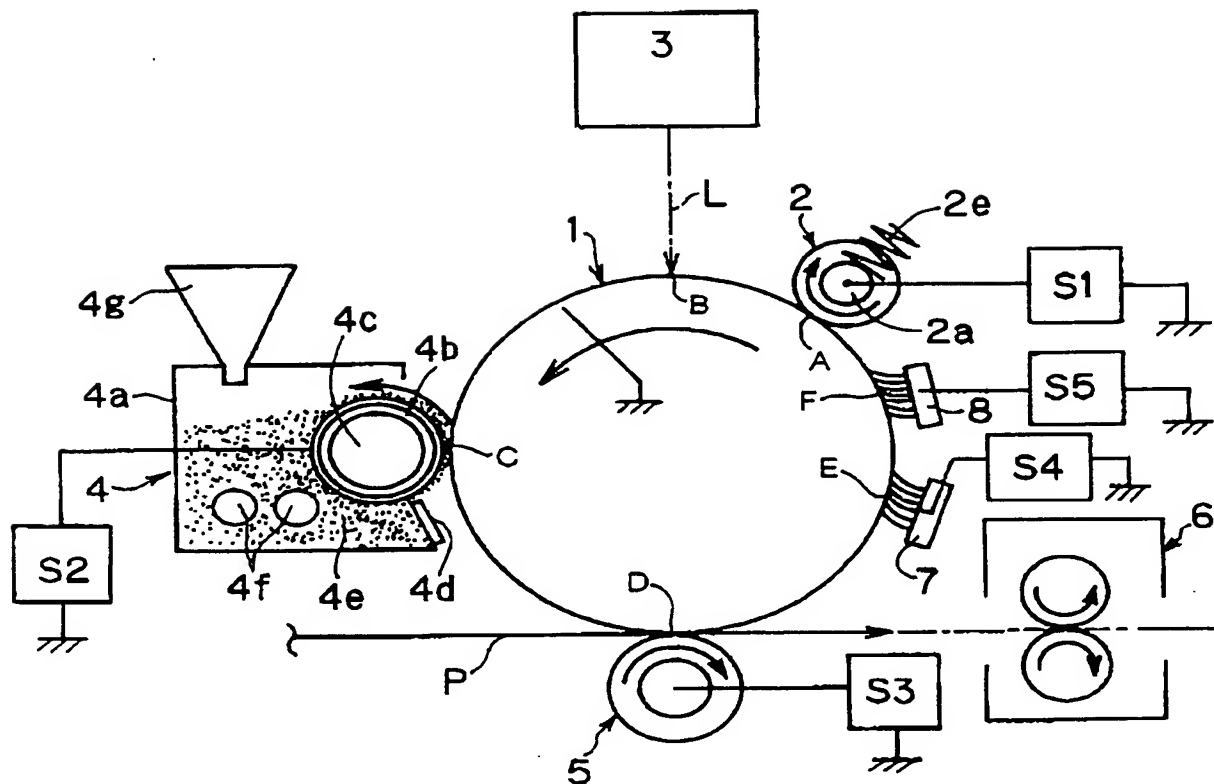


*Fig. 1*



*Fig.2*

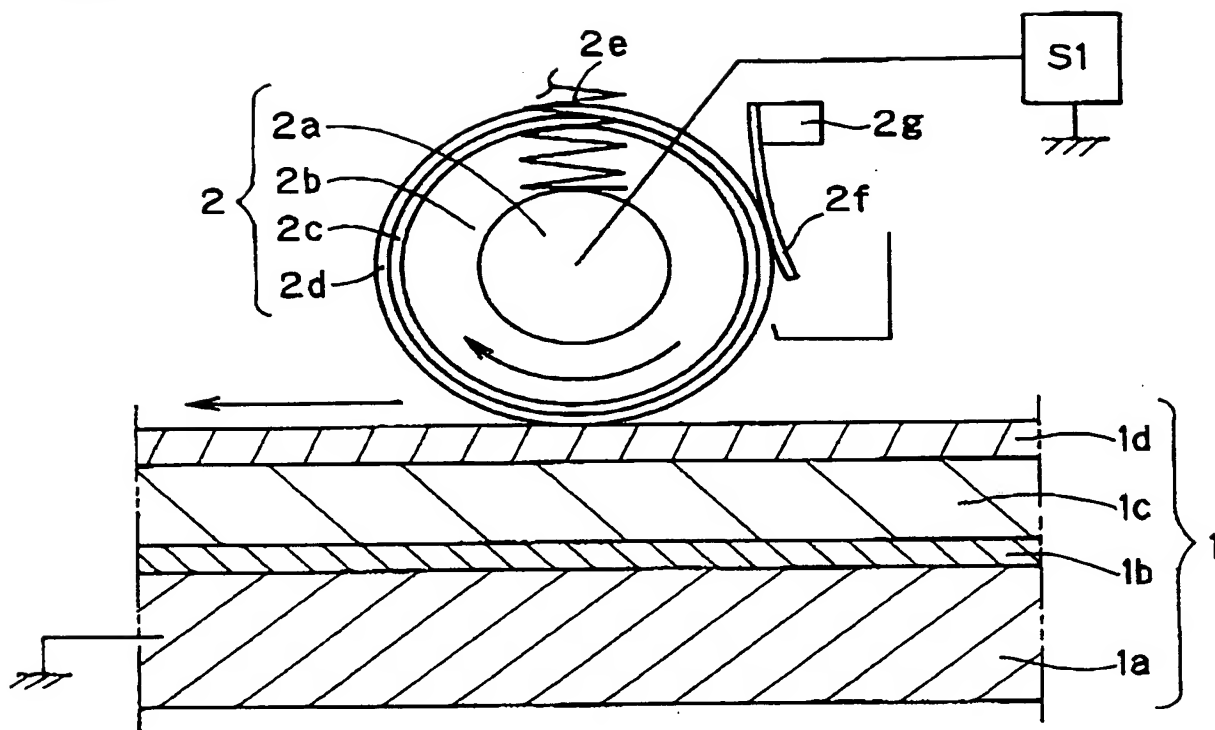


Fig.3

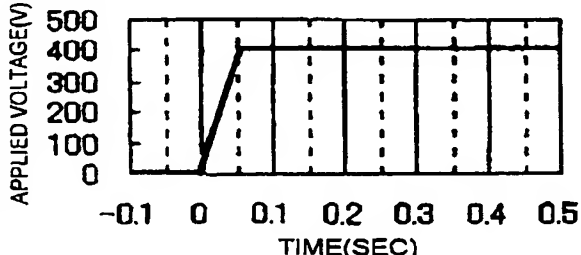
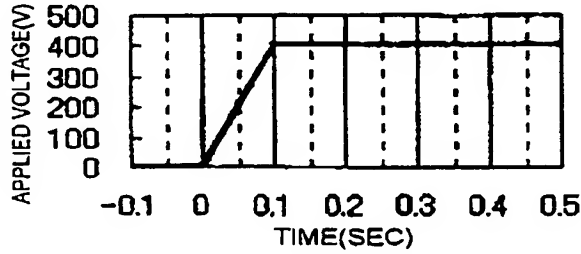
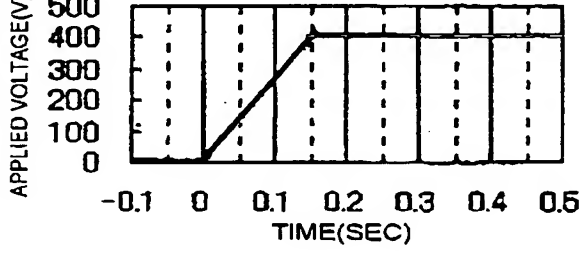
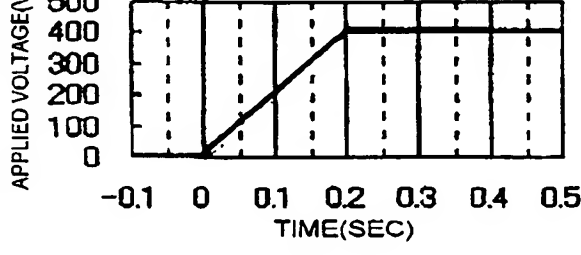
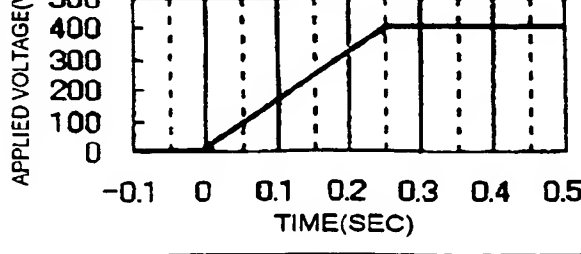
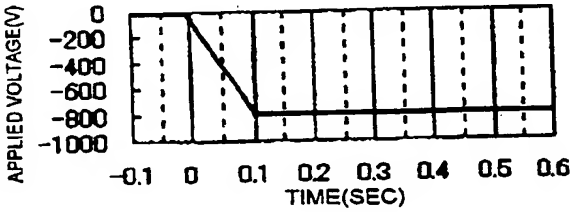
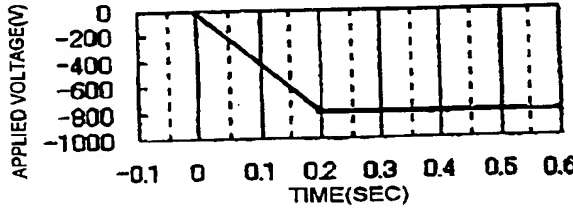
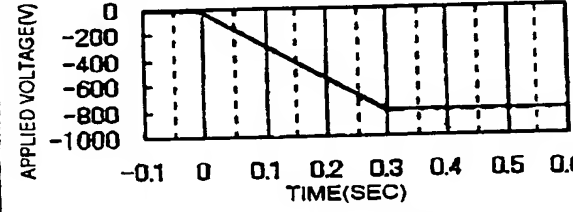
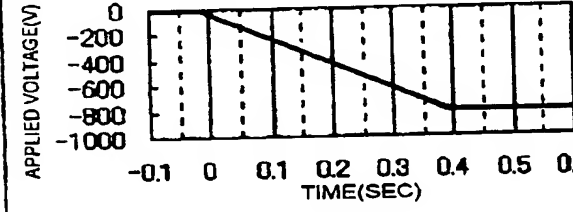
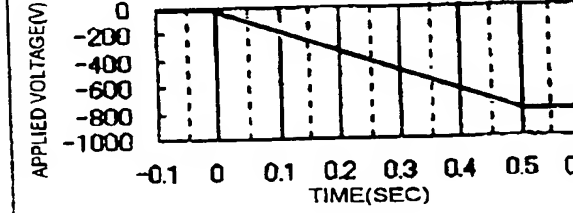
	PERIOD OF TIME UNTIL BIAS VOLTAGE BECOMES STEADY STATE	SLOPE OF APPLIED VOLTAGE	EXPELLATION OF TONER FROM TONER CHARGE AMOUNT CONTROL DEVICE
 <p>APPLIED VOLTAGE(V)</p> <p>500 400 300 200 100 0</p> <p>-0.1 0 0.1 0.2 0.3 0.4 0.5</p> <p>TIME(SEC)</p>	0.05 SEC	8000 V/SEC	YES
 <p>APPLIED VOLTAGE(V)</p> <p>500 400 300 200 100 0</p> <p>-0.1 0 0.1 0.2 0.3 0.4 0.5</p> <p>TIME(SEC)</p>	0.10 SEC	4000 V/SEC	YES
 <p>APPLIED VOLTAGE(V)</p> <p>500 400 300 200 100 0</p> <p>-0.1 0 0.1 0.2 0.3 0.4 0.5</p> <p>TIME(SEC)</p>	0.15 SEC	2667 V/SEC	YES (SMALL AMOUNT)
 <p>APPLIED VOLTAGE(V)</p> <p>500 400 300 200 100 0</p> <p>-0.1 0 0.1 0.2 0.3 0.4 0.5</p> <p>TIME(SEC)</p>	0.20 SEC	2000 V/SEC	NO
 <p>APPLIED VOLTAGE(V)</p> <p>500 400 300 200 100 0</p> <p>-0.1 0 0.1 0.2 0.3 0.4 0.5</p> <p>TIME(SEC)</p>	0.25 SEC	1600 V/SEC	NO

Fig.4

	PERIOD OF TIME UNTIL BIAS VOLTAGE BECOMES STEADY STATE	SLOPE OF APPLIED VOLTAGE	EXPELLATION OF TONER FROM TONER CHARGE AMOUNT CONTROL DEVICE
	0.1 SEC	-8000 V/SEC	YES
	0.2 SEC	-4000 V/SEC	YES
	0.3 SEC	-2666.7 V/SEC	YES
	0.4 SEC	-2000 V/SEC	NO
	0.5 SEC	-1600 V/SEC	NO

*Fig.5*

